

Work Order ID 87170

\*87170\*

Page 1

July-11-12 9:53:55 AM

Item ID: D350-607-541

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: Heli-Utility-Basket

Stop

\*NS2\*

Start Date: 7/10/12 Start Qty: 1.00 \*1\*

Cust Item ID:

Required Date: 8/24/12 Req'd Qty: 1.00 \*1\*

Customer:

Reference:

Approvals: Process Plan: MLJ

Date: 12/07/12 Tooling:

Date:

Run Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
100 <b>*100*</b> DC	DOCUMENT CONTROL Document Control	0.00	DAS 16 S-8	12/07/26					R for MLJ 12-9-26
110 <b>*110*</b> Packaging Packaging	Pick Kit Memo *****Mask label plate to size of D4086 label, use scotchbrite red pad to lightly sand area for label*****	0.00							P 12/07/10 O
120 <b>*120*</b> QC Quality Control	QC4- 100% Inspect kits for completeness Memo	0.00	DAS 16 S-8	12/07/26					

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 87170

July-11-12 9:53:55 AM

\*87170\*

Page 2

Item ID: D350-607-541

Accept

\*N900040100\*

Setup

Start

\*NS1\*

Revision ID:

Item Name: Heli-Utility-Basket

Stop

\*NS2\*

Start Date: 7/10/12 Start Qty: 1.00 \*1\*

Cust Item ID:

Required Date: 8/24/12 Req'd Qty: 1.00 \*1\*

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

\*NR1\*

QC:

Date:

SPC (Y/N):

Date:

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

130

Pick Kit

0.00

\*130\*

Packaging

Memo

0.00

Packaging

Package as per PPPD350-607-541

6 12/8/2012 0

140

QC21- Final Inspection - Work Order Release

0.00

\*140\*

QC

Memo

0.00

Quality Control

12/10/12 JH

U120828

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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# Picklist Print

July-18-12 9:53:54 AM

Page 1

Work Order ID: 87170

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 7/10/12

Required Date: 8/24/12

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 10-08-19 AS PER REV.A DD VERF BY:EC IPP Rev:B 11.02.09 add to install  
label DD verf by:EC IPP REV:C 12.03.06 AS PER ECN12-535 DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D350-607-511 Quick Release Basket Mounting Installation	CH1002	Manufactured	No			110	Each	10.0000		87119	1	JB	C

Location	Loc Qty	Loc Code
FG	8	
85743	2	
85744	2	
85745	2	
85746	2	

Location	Loc Qty	Loc Code
PK13	2	
85133	1	
85742	1	

D2690-6  
Lanyard Assembly

Location	Loc Qty	Loc Code
ST016	24	
85757	13	
85832	5	
85833	6	

D3912-041  
Eyebolt Receiver Assembly

Location	Loc Qty	Loc Code
ST509	3	
85952	3	

D4030-041  
Long Basket Assembly (350)

D4085-3  
Placard, Instructions

Location	Loc Qty	Loc Code
ST121	1	
87037	1	

88806 1 JB C  
1 1 JB 12/09/26

87037

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
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# Picklist Print

July-1d-12 9:53:54 AM

Page 2

Work Order ID: 87170

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 7/10/12

Required Date: 8/24/12

Start Qty: 1.00

Required Qty: 1.00

D4151-041

Basket Fwd Hardpoint Assembly, Lower

Manufactured No

110 Each

13.0000

1 87170 1

JB

CR

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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GA	4	
----	---	--

ST103	17	
-------	----	--

85792	12	
-------	----	--

85793	1	
-------	---	--

D4151-043

Basket Fwd Hardpoint Assembly, Upper

Manufactured No

110 Each

17.0000

1 87694 1

JB

CR

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
-----------------	----------------	-----------------

ST103	17	
-------	----	--

85794	5	
-------	---	--

85795	12	
-------	----	--

D4150-041

Attachment Arm Assembly

AN4-13A

Bolt

Manufactured No

110 Each

0.0000

1 97402 1

JB

CR

Purchased No

110 Each

1,065.0000

6 122808 6

JB

CR

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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ST357	1065	
-------	------	--

120187	19	
--------	----	--

120422	2	
--------	---	--

120770	12	
--------	----	--

121652	834	
--------	-----	--

122063	198	
--------	-----	--

AN4C15

BOLT

Purchased No

110 Each

40.0000

1 12109126

JB

CR

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
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ST358	40	
-------	----	--

120124	1	
--------	---	--

121146	39	
--------	----	--

W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE			By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

**Picklist Print**

July-14-12 9:53:54 AM

Page 3

**Work Order ID:** 87170**Parent Item:** D350-607-541**Parent Item Name:** Heli-Utility-Basket**Start Date:** 7/10/12**Required Date:** 8/24/12**Start Qty:** 1.00**Required Qty:** 1.00**AN310C4**  
Nut

Purchased No 110 Each 58.0000

1

1

JB

C

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST344	58	
120360	1	
121166	3	
121444	21	121444
122151	33	

**MS17984-C413**  
SPIN, QUICK RELEASE

Purchased No 110 Each 21.0000

1

JB

C

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST315	3	
114340	1	
118612	2	
ST333	18	
122141	18	

**MS21042L4**  
Nut

Purchased No 110 Each 1,146.0000

6

JB

C

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST300	1146	
119075	116	
121011	193	
121444	686	
121652	151	

**MS24665-151**  
Cotter Pin

Purchased No 110 Each 161.0000

1

JB

C

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST309	161	
17566	161	17566

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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# Picklist Print

July-11-12 9:53:54 AM

Page 4

Work Order ID: 87170

Parent Item: D350-607-541

Parent Item Name: Heli-Utility-Basket

Start Date: 7/10/12

Required Date: 8/24/12

Start Qty: 1.00

Required Qty: 1.00

NAS1515H4L  
WASHER

Purchased No 110 Each 397.0000

2

2

-JB

C

Location	Loc Qty	Loc Code
FG	8	
103691	8	
ST277	389	
118709	10	
120390	379	

NAS1149F0432P  
Washer

Purchased No 110 Each 1,006.0000

12

12

-JB

C

Location	Loc Qty	Loc Code
ST275	1006	
121350	15	
122151	991	

NAS1149C0463R  
Washer

Purchased No 110 Each 764.0000

3

3

-JB

12/10/9/26

Location	Loc Qty	Loc Code
FP001	1	
115358	1	
ST297	763	
117735	17	
119097	746	

119097

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

## 4.0 WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D350-607-541 (Standard Basket)	80.7 lb 36.6 kg	± 49.1 in ± 1.25 m	± 3962 in-lb ± 45.8 m-kg	135 in 3.43 m	10895 in-lb 125.5 m-kg
D350-607-543 (Lightweight Basket)	65.7 lb 29.8 kg	± 49.1 in ± 1.25 m	± 3226 in-lb ± 37.3 m-kg	135 in 3.43 m	8870 in-lb 102.2 m-kg
D350-607-545 (Standard Basket)	58.7 lb 26.2 kg	± 49.1 in ± 1.25m	± 2882 in-lb ± 32.8 m-kg	135 in 3.43 m	7925 in-lb 89.9 m-kg
D350-607-547 (Lightweight Basket)	47.7 lb 21.6 kg	± 49.1 in ± 1.25 m	± 2342 in-lb ± 27.0 m-kg	135 in 3.43 m	6440 in-lb 74.1 m-kg
D350-607-511 (Quick Release Basket Mounting Kit)	7.2 lb 3.3 kg	± 36.9 in ± 0.94 m	± 266 in-lb ± 3.1 m-kg	135 in 3.43 m	972 in-lb 11.3 m-kg

## 5.0 PARTS LIST

QTY -541	QTY -543	QTY -545	QTY -547	QTY -511	QTY -501	PART NUMBER	DESCRIPTION
X						D350-607-541	HELI-UTILITY-BASKET
X						D350-607-543	HELI-UTILITY-BASKET
	X					D350-607-545	HELI-UTILITY-BASKET
		X				D350-607-547	HELI-UTILITY-BASKET
1	1	1	1	X		D350-607-511	QUICK RELEASE BASKET MOUNTING KIT
					X	D350-607-501	CONVERSION KIT
1	1	1	1		1	D2690-6	LANYARD
					4	D3910-3	X-TUBE LUG
1	1	1	1		1	D3912-041	EYEBOLT RECEIVER ASSY
					8	D3984-030	RUBBER EXTRUSION, X-TUBE
1						D4030-041	LONG BASKET ASSY
	1					D4030-043	LONG BASKET ASSY, LIGHTWEIGHT
		1				D4032-041	SHORT BASKET ASSY
			1			D4032-043	SHORT BASKET ASSY, LIGHTWEIGHT
1	1	1	1		1	D4085-3	PLACARD-INSTRUCTIONS
1					1	D4086-200	PLACARD, MAX LOAD
	1				1	D4086-215	PLACARD, MAX LOAD
		1			1	D4086-220	PLACARD, MAX LOAD
			1		1	D4086-232	PLACARD, MAX LOAD
				1	1	D4148-041	FWD X-TUBE LUG ASSY
					1	D4149-041	AFT X-TUBE LUG ASSY
1	1	1	1		1	D4T50-041	ATTACHMENT ARM ASSY
1	1	1	1		1	D4151-041	BASKET FWD HARPOON ASSY (LOWER)
1	1	1	1		1	D4151-043	BASKET FWD HARPOON ASSY (UPPER)
6	6	6	6	6	6	AN4-13A	BOLT
					16	AN4-14A	BOLT
1	1	1	1		1	AN4C15	BOLT
1	1	1	1		1	AN310C4	CASTELLATED NUT
1	1	1	1		1	MS17984-C413	QUICK RELEASE PIN
6	6	6	6	16	22	MS21042L4	NUT (OR MS21042-4)
1	1	1	1		1	MS24665-151	COTTER PIN
2	2	2	2		2	NAS1515H4L	WASHER
12	12	12	12	32	44	NAS1149F0432P	WASHER
3	3	3	3		3	NAS1149C0463R	WASHER

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Revision: A  
Date: 10.06.28